

# Maxima

## Owner's Manual

**ATTENTION:**  
Please read the content  
of your owner's manual  
before operating your  
scooter.



*The Ultimate In Style & Performance<sup>®</sup>*

**Pride**  
Mobility Products Corp.

Exeter, PA  
St. Catharines, ON 1-800-800-8586  

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[www.pridemobility.com](http://www.pridemobility.com)

# SAFETY GUIDELINES

The symbols below are used throughout this owner's manual and on the scooter to identify warnings and important information. It is very important for you to read them and understand them completely.



**WARNING!** Indicates a potentially hazardous condition/situation that can cause personal injury, equipment and/or property damage. (Black symbol on yellow triangle with black border).



**MANDATORY!** These actions should be performed as specified. Failure to perform mandatory actions can cause injury to personnel and/or damage to equipment (white symbol on blue dot).



**PROHIBITED!** These actions are prohibited; do not perform at any time or in any situation. Performing a prohibited action can cause personal injury and/or equipment damage (black symbol with red circle and red slash).

Please fill out the following information for quick reference:

Pride Provider: _____
Purchase Date: _____
Address: _____
Phone Number: _____
Serial Number: _____

**NOTE:** This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased.

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# I. INTRODUCTION

## SAFETY

WELCOME to Pride Mobility Products Corporation (Pride). The product you have purchased combines state of the art components with **safety**, comfort and styling in mind. We are confident the design features will provide you with the conveniences you expect during your daily activities. Understanding how to **safely** operate and care for this product should bring you years of trouble free operations and service.

**Read and follow** all instructions, warnings, and notes in this manual and all other accompanying literature before attempting to operate this product for the first time. In addition, your **safety** depends upon you, as well as your provider, caretaker, or healthcare professional in using good judgement.

If there is any information in this manual which you do not understand, or if you require additional assistance for setup or operation, please contact your authorized Pride Provider. **Failure to follow the instructions, warnings, and notes in this manual and those located on your Pride product can result in personal injury or product damage and will void Pride's product warranty.**

## PURCHASER'S AGREEMENT

By accepting delivery of this product, you promise that you will not change, alter or modify this product or remove or render inoperable or unsafe any guards, shields, or other safety features of this product; fail, refuse or neglect to install any retrofit kits from time to time provided by Pride to enhance or preserve the safe use of this product.

## INFORMATION EXCHANGE

We want to hear your questions, comments, and suggestions about this manual. We would also like to hear about the safety and reliability of your new scooter, and about the service you received from your authorized Pride Provider. Please notify us of any change of address, so we can keep you apprised of important information about safety, new products, and new options that can increase your ability to use and enjoy your scooter. Please feel free to contact us at the address below:

Pride Mobility Products Corporation  
Attn: Customer Care Department  
182 Susquehanna Ave.  
Exeter, PA 18643-2694

*NOTE: If you ever lose or misplace your product registration card or your copy of this manual, contact us and we will be glad to send you a new one immediately.*

## PRIDE OWNERS CLUB

As an owner of a Pride product, you are encouraged to enroll in the Pride Owners Club. Complete and return your enclosed product registration card or visit Pride's web site at [www.pridemobility.com](http://www.pridemobility.com).

From our home page, select "Owners Club" to enter a page dedicated to current and potential Pride product owners. You will gain access to interviews, stories, recreation ideas, daily living tips, product and funding information, and interactive message boards. These message boards invite you to communicate with other Pride customers as well as Pride representatives who are available to assist you with any questions or concerns.

## II. SAFETY

### GENERAL



**MANDATORY! Do not operate your new scooter for the first time without completely reading and understanding this owner's manual.**

Your scooter is a state-of-the-art life-enhancement device designed to increase mobility. Pride provides an extensive variety of products to best fit the individual needs of the scooter user. Please be aware that the final selection and purchasing decision regarding the type of scooter to be used is the responsibility of the scooter user who is capable of making such a decision and his/her healthcare professional (i.e., medical doctor, physical therapist, etc.).

There are certain situations, including some medical conditions, where the scooter user will need to practice operating the scooter in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional specially trained in assisting a scooter user in various daily living activities.

As you begin using your scooter during daily activities, you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control as you maneuver through doorways, on and off of elevators, up and down ramps, and over moderate terrain.

Below are some precautions, tips, and other safety considerations that will help the user become accustomed to operating the scooter safely.

### MODIFICATIONS

Pride has designed and engineered your scooter to provide maximum mobility and utility. However, under no circumstances should you modify, add, remove, or disable any feature, part, or function of your scooter.



**WARNING! Do not modify your scooter in any way not authorized by Pride. Unauthorized modifications may result in personal injury and/or damage to your scooter.**

### REMOVABLE PARTS



**WARNING! Do not attempt to lift or move your scooter by any of its removable parts. Personal injury and damage to the scooter may result.**

### ELECTROMAGNETIC FIELDS

Your scooter's road performance features may be influenced by electromagnetic fields caused by cellular telephones or other radiating devices, such as hand-held radios, radio and television stations, wireless computer links, microwave sources, and paging transmitters.

## II. SAFETY

### PRE-RIDE SAFETY CHECK

Get to know the feel of your scooter and its capabilities. Pride recommends that you perform a safety check before each use to make sure your scooter operates smoothly and safely. For details on how to perform these necessary inspections, see XI. “Care and Maintenance.”

Perform the following inspections prior to using your scooter:

- Check for proper tire inflation (if equipped with pneumatic tires).
- Check all electrical connections. Make sure they are tight and not corroded.
- Check all harness connections. Make sure they are secured properly.
- Check the brakes.
- Check battery charge.

If you discover a problem, contact your authorized Pride Provider for assistance.

### TIRE INFLATION

If your scooter is equipped with pneumatic tires, you should check or have the air pressure checked at least once a week. Proper inflation pressures will prolong the life of your tires and help ensure the smooth operation of your scooter.



**WARNING! It is critically important that 30-35 psi tire pressure be maintained in pneumatic tires at all times. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to maintain 30-35 psi tire pressure in pneumatic tires at all times may result in tire and/or wheel failure, causing serious personal injury and/or damage to your scooter.**

**WARNING! Inflate your scooter tires from a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could overinflate them, resulting in a burst tire and/or personal injury.**

### WEIGHT LIMITATIONS

Your scooter is rated for a maximum weight capacity. Refer to the specifications table for information.



**WARNING! Exceeding the weight capacity voids your warranty and may result in personal injury and damage to your scooter. Pride will not be held responsible for injuries and/or property damage resulting from failure to observe weight limitations.**

**WARNING! Do not carry passengers on your scooter. Carrying passengers may result in personal injury and/or property damage.**

### INCLINE INFORMATION

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have turning switchbacks (180-degree turns) that require you to have good cornering skills on your scooter.

- Proceed with extreme caution as you approach the downgrade of a ramp or other incline.
- Take wide swings with your scooter around any tight corners. If you do that, the scooter’s rear wheels will follow a wide arc, not cut the corner short, and not bump into or get hung up on any railing corners.
- When driving down a ramp, keep the scooter’s speed adjustment set to the slowest speed setting to ensure a safely controlled descent.
- Avoid sudden stops and starts.

## II. SAFETY

When climbing an incline, try to keep your scooter moving. If you must stop, start up again slowly, and then accelerate cautiously. When driving down an incline, do so by setting the speed adjustment dial to the slowest setting and driving in the forward direction only. If your scooter starts to move down the incline faster than you anticipated or desired, allow it to come to a complete stop by releasing the throttle control lever. Then push the throttle control lever forward slightly to ensure a safely controlled descent.

**WARNING! When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your scooter straight up the incline. This greatly reduces the possibility of a tip or a fall. Always exercise extreme caution when negotiating an incline.**

**WARNING! Do not drive your scooter across the side of an incline or diagonally up or down a hill; do not stop, if possible, while driving up or down an incline.**



**WARNING! You should not travel up or down a potentially hazardous incline (i.e., areas covered with snow, ice, cut grass, or wet leaves).**

**WARNING! When on any sort of an incline or decline, never place the scooter in freewheel mode while seated on it or standing next to it.**

**WARNING! Even though your scooter is capable of climbing slopes greater than those illustrated in figure 1 do not, under any circumstances, exceed the incline guidelines or any other specifications presented in this manual. Doing so could cause instability in your scooter, resulting in personal injury and/or damage to your scooter.**

Handicap public access ramps are not subject to government regulation in all countries, and therefore do not necessarily share the same standard percent of slope. Other inclines may be natural or, if man-made, not designed specifically for scooters. Figure 1 illustrates your scooter's stability and its ability to climb grades under various weight loads and under controlled testing conditions.

These tests were conducted with the scooter's seat in the highest position and adjusted rearward on the seat base to its farthest rearward position. Use this information as a guideline. Your scooter's ability to travel up inclines is affected by your weight, your scooter's speed, your angle of approach to the incline, and your scooter setup.

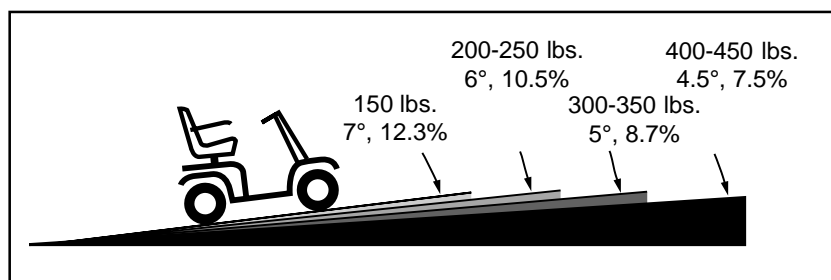


Figure 1. Maximum Recommended Incline Angles



**WARNING! Any attempt to climb or descend a slope steeper than what is shown in figure 1 may put your scooter in an unstable position and cause it to tip, resulting in personal injury.**

## II. SAFETY

When you approach an incline, it is best to lean forward. See figures 2 and 2A. This shifts the center of gravity of you and your scooter toward the front of the scooter for improved stability.

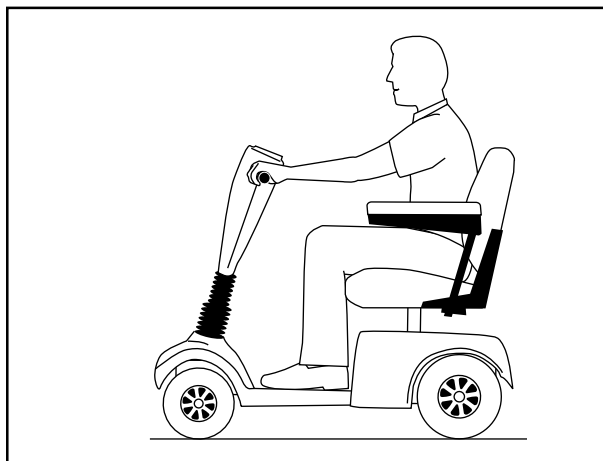


Figure 2. Normal Driving Position

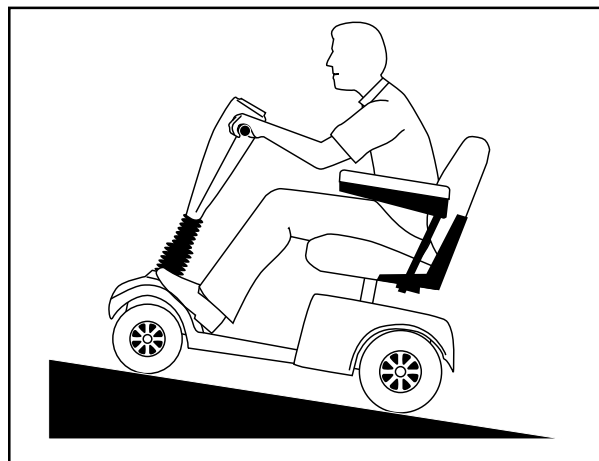


Figure 2A. Increased Stability Driving Position

### CORNERING INFORMATION

Excessively high cornering speeds can create the possibility of tipping. Factors which affect the possibility of tipping include, but are not limited to, cornering speed, steering angle (how sharply you are turning), uneven road surfaces, inclined road surfaces, riding from an area of low traction to an area of high traction (such as passing from a grassy area to a paved area – especially at high speed while turning), and abrupt directional changes. High cornering speeds are not recommended. If you feel that you may tip over in a corner, reduce your speed and steering angle (i.e., lessen the sharpness of the turn) to prevent your scooter from tipping.



**WARNING! When cornering sharply, reduce your speed. When using your scooter at higher speeds, do not corner sharply. This greatly reduces the possibility of a tip or fall. To avoid personal injury or property damage, always exercise common sense when cornering.**

### BRAKING INFORMATION

Your scooter is equipped with these powerful brake systems:

- Regenerative: Uses electricity to rapidly slow the vehicle when the throttle control lever returns to the center/stop position.
- Disc Park Brake: Activates mechanically after regenerative braking slows the vehicle to near stop, or when power is removed from the system for any reason.



## II. SAFETY

### OUTDOOR DRIVING SURFACES

Your scooter is designed to provide optimum stability under normal driving conditions—dry, level surfaces composed of concrete, blacktop, or asphalt. However, Pride recognizes that there will be times when you will encounter other surface types. For this reason, your scooter is designed to perform admirably on packed soil, grass, and gravel. Feel free to use your scooter safely on lawns and in park areas.

- Reduce your scooter's speed when driving on uneven terrain and/or soft surfaces.
- Avoid tall grass that can become tangled in the running gear.
- Avoid loosely packed gravel and sand.
- If you feel unsure about a driving surface, avoid that surface.

### PUBLIC STREETS AND ROADWAYS



**WARNING! You should not operate your scooter on public streets and roadways. Be aware that it may be difficult for traffic to see you when you are seated on your scooter. Obey all local pedestrian traffic rules. Wait until your path is clear of traffic, and then proceed with extreme caution.**

### STATIONARY OBSTACLES (STEPS, CURBS, etc.)

**WARNING! Do not drive near raised surfaces, unprotected ledges, and/or drop-offs (curbs, porches, stairs, etc.).**



**WARNING! Do not attempt to have your scooter climb or descend an obstacle that is inordinately high. Serious personal injury and/or damage may result.**

**WARNING! Do not attempt to have your scooter proceed rearward down any step, curb, or other obstacle. This may cause the scooter to tip and cause personal injury.**

**WARNING! Be sure your scooter is traveling perpendicular to any curb you may be required to ascend or descend. See figures 3 and 3A.**

**WARNING! Do not attempt to negotiate a curb that has a height greater than 2 in.**

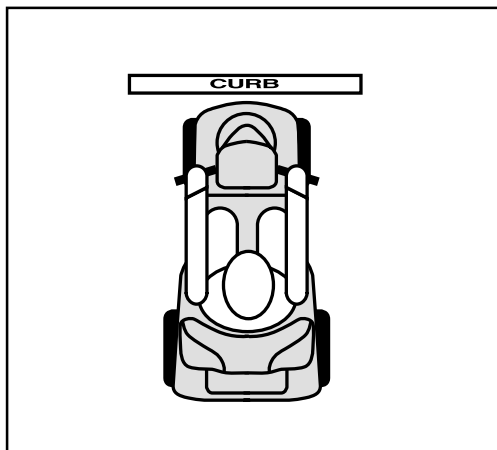


Figure 3. Correct Curb Approach

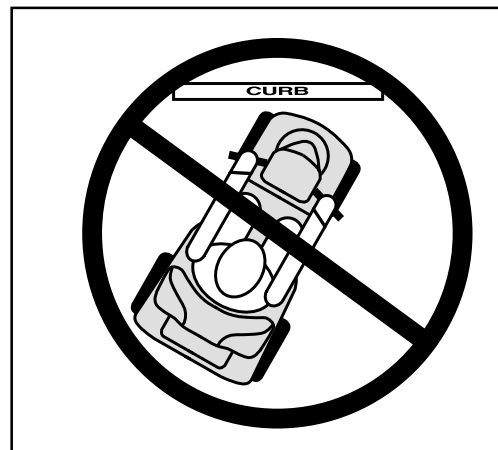


Figure 3A. Incorrect Curb Approach

## II. SAFETY

### INCLEMENT WEATHER PRECAUTIONS



**WARNING! Pride recommends that you do not operate your scooter in icy or slippery conditions or on salted surfaces (i.e., walks or roads). Such use may result in an accident, personal injury, or adversely affect the performance and safety of your scooter.**

**WARNING! Do not operate or store your scooter where it may be exposed to inclement weather conditions such as rain, snow, mist, and below freezing temperatures (such as storage on an outside car/van lift). Attempting to operate the scooter in such conditions can damage the electronics and potentially result in loss of control.**

### FREEWHEEL MODE

Your scooter is equipped with a manual freewheel lever that, when pulled back, allows the scooter to be pushed. For more information about how to place your scooter into and out of freewheel mode, see V. “Your Scooter.”



**WARNING! When your scooter is in freewheel mode, the braking system is disengaged.**

- **Disengage the drive motor only on a level surface.**
- **Ensure the key is removed from the key switch.**
- **Stand behind the scooter to engage or disengage freewheel mode. Never sit on a scooter to do this.**
- **After you have finished pushing your scooter, always return it to the drive mode to lock the brakes.**

**Failure to heed the above could result in personal injury and/or damage to your scooter.**

An added feature built into your scooter is “push-too-fast” protection which safeguards the scooter against gaining excessive speed while in freewheel mode.

“Push-too-fast” operates differently depending on which of two conditions exists:

- If the key is switched “off” while in freewheel mode, the scooter’s controller activates regenerative braking when the scooter is pushed faster than a maximum threshold which has been preprogrammed. In this case, the controller is acting as a speed governor.
- If the key is switched “on” while in freewheel mode, you will encounter considerable resistance at any speed.

This prevents the scooter from gaining unwanted momentum should the manual freewheel lever inadvertently be released while driving the scooter.

## II. SAFETY

### STAIRS AND ESCALATORS

Scooters are not designed to travel up or down stairs or escalators. Always use an elevator.



**WARNING! Do not use your scooter to negotiate steps or escalators. You may cause injury to yourself and to others and/or damage your scooter.**

### DOORS

- Determine if the door opens toward or away from you.
- Use your hand to turn the knob or push the handle or push-bar.
- Drive your scooter gently and slowly forward to push the door open. Or drive your scooter gently and slowly rearward to pull the door open.

### ELEVATORS

Modern elevators have a door edge safety mechanism that, when pushed, reopens the door(s).

- If you are in the doorway of an elevator when the door(s) begin to close, push on the rubber door edge or allow the rubber door edge to contact the scooter and the door will reopen.
- Use care that pocketbooks, packages, or scooter accessories do not become caught in elevator doors.

### LIFT/ELEVATION PRODUCTS

If you will be traveling with your scooter, you may find it necessary to use a lift/elevation product to aid in transportation. Pride recommends that you closely review the instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.



**WARNING! Never sit on your scooter when it is being used in connection with any type of lift/elevation product. Your scooter was not designed for such use, and any damage or injury incurred from such use is not the responsibility of Pride.**

### BATTERIES

In addition to following the warnings below, be sure to comply with all other battery handling information.

**WARNING! Scooter batteries are heavy (refer to specifications table). Lifting weight beyond your capacity could result in personal injury. If necessary, get someone physically able to lift the scooter batteries for you.**



**WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.**

**WARNING! Always protect the batteries from freezing and never charge a frozen battery. Charging a frozen battery may result in personal injury and/or damage to the battery.**

**WARNING! RED (+) cables must be connected to positive (+) battery terminals/posts. BLACK (-) cables must be connected to negative (-) battery terminals/posts. Failure to connect your battery cables in the proper manner may result in personal injury and/or damage to your scooter. REPLACE cables immediately if damaged.**

### BATTERY DISPOSAL AND RECYCLING

If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag and call your authorized Pride Provider for instructions on disposal. Your authorized Pride Provider will also have the necessary information on battery recycling, which is our recommended course of action.

## II. SAFETY

### MOTOR VEHICLE TRANSPORT

Currently, there are no standards approved for tie-down systems in a moving vehicle of any type to transport a person while seated in a scooter.

Although your scooter may be equipped with a positioning belt, this belt is not designed to provide proper restraint during motor vehicle transport. Anyone traveling in a motor vehicle should be properly secured in the motor vehicle seat with safety belts fastened securely.



**WARNING! Do not sit on your scooter while it is in a moving vehicle. Personal injury and/or property damage may result.**

**WARNING! Always be sure your scooter and its batteries are properly secured when it is being transported. Failure to do so may result in personal injury and/or damage to your scooter.**

### PREVENTING UNINTENDED MOVEMENT



**WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power. This will prevent unexpected motion from inadvertent throttle control lever contact. Failure to do so may result in personal injury.**

### GETTING ONTO AND OFF OF YOUR SCOOTER

Getting onto and off of your scooter requires a good sense of balance. Please observe the following safety tips when getting onto and off of your scooter:

- Ensure that your scooter is not in freewheel mode. See V. “Your Scooter.”
- Make certain that the seat is locked into place and the key is removed from the key switch.
- The seat armrests can be flipped up to make getting onto and off of the scooter easier.

**WARNING! Position yourself as far back as possible in the scooter seat to prevent the scooter from tipping and causing injury.**



**WARNING! Avoid using your armrests for weight bearing purposes. Such use may cause the scooter to tip and cause personal injury.**

**WARNING! Avoid putting all of your weight on the floorboard. Such use may cause the scooter to tip and cause personal injury.**

### REACHING AND BENDING

Avoid reaching or bending while driving your scooter. When reaching, bending, or leaning while seated on your scooter, it is important to maintain a stable center of gravity and keep the scooter from tipping. Pride recommends that the scooter user determine his/her personal limitations and practice bending and reaching in the presence of a qualified healthcare professional.



**WARNING! Do not bend, lean, or reach for objects if you have to pick them up from the floor by reaching down between your knees. Movements such as these may change your center of gravity and the weight distribution of the scooter and cause your scooter to tip, possibly resulting in personal injury. Keep your hands away from the tires when driving.**

## II. SAFETY

### POSITIONING BELTS

Your authorized Pride Provider, therapist(s), and other healthcare professionals are responsible for determining your requirement for a positioning belt in order to operate your scooter safely.



**WARNING! If you require a positioning belt to safely operate your scooter, make sure it is fastened securely. Serious personal injury may result if you fall from the scooter.**

### PRESCRIPTION DRUGS/PHYSICAL LIMITATIONS

The scooter user must exercise care and common sense when operating his/her scooter. This includes awareness of safety issues when taking prescribed or over-the-counter drugs or when the user has specific physical limitations.



**WARNING! Consult your physician if you are taking prescribed or over-the-counter medication or if you have certain physical limitations. Some medications and limitations may impair your ability to operate your scooter in a safe manner.**

### ALCOHOL

The scooter user must exercise care and common sense when operating his/her scooter. This includes awareness of safety issues while under the influence of alcohol.



**WARNING! Do not operate your scooter while you are under the influence of alcohol, as this may impair your ability to drive safely.**

# III. EMI/RFI

## **EMI/RFI WARNINGS**

Laboratory tests performed by the Food and Drug Administration (FDA) have shown that radio waves can cause unintended motion of electric mobility vehicles. Radio waves are a form of electromagnetic energy (EM). When electromagnetic energy adversely affects the operation of an electrical device, that adverse effect is called *Electromagnetic Interference (EMI)* or *Radio Frequency Interference (RFI)*.

## **EMI/RFI FREQUENTLY ASKED QUESTIONS (FAQS)**

The following FAQs summarize what you should know about EMI/RFI. Use this information to minimize the risk that EMI/RFI will adversely affect your mobility vehicle.

### **Where do radio waves come from?**

Radio waves are emitted from the antennas of cellular phones, mobile two-way radios (such as walkie-talkies and CBs), radio stations, TV stations, amateur radio (HAM) transmitters, wireless computer links, microwave sources, and paging transmitters. Radio waves are a form of electromagnetic energy (EM). EM is more intense closer to transmitting antennas, which are sources of emission. The greater the transmission strength, the greater the concern to electric mobility vehicle users.

### **If EMI/RFI affects my mobility vehicle, what kind of motion should I expect?**

This is difficult to predict. The answer would depend on a number of factors:

- The strength of the radio waves.
- The construction of your particular mobility vehicle.
- The location of your mobility vehicle (whether it is on the level ground or on an incline).
- Whether or not your mobility vehicle is in motion.

The motion of any electric mobility vehicle affected by EMI/RFI can be erratic. The mobility vehicle may come to a sudden stop or move in an uncontrolled manner. Also, it is possible for EMI/RFI to release the brakes of an electric mobility vehicle. Some intense EMI/RFI can even damage the control system components of an electric mobility vehicle.

### **Is there any way to know for certain whether or not radio waves are the cause of any unintended mobility vehicle motion?**

Unfortunately, EMI/RFI may be difficult to recognize, because the signals from radio sources are invisible and may be intermittent. However, the FDA recommends that you report all incidents of unintended motion or unintended brake release of your mobility vehicle to its manufacturer and, if possible, determine whether or not there was a radio wave source nearby at the time of the incident.

One precaution you can take against unintended motion of your mobility vehicle is to make certain that you or someone else is not the cause of the unintended motion.

- Turn off your mobility vehicle by removing the key from the key switch when you are getting onto or off of your mobility vehicle.
- Never leave the key in the key switch of an unattended mobility vehicle.
- By following these steps, you greatly reduce the risk of you or anyone else inadvertently bumping the throttle control levers and causing the mobility vehicle to move unintentionally.

### **Has anyone been injured by the erratic, unintended motion of an electric mobility vehicle?**

The FDA has reports of injuries that resulted from uncontrolled motion of electric mobility vehicles, but it is not clear just how many of those injuries were actually caused by EMI/RFI.

# III. EMI/RFI

## **Are all electric mobility vehicles susceptible to EMI/RFI?**

Each make and model of electric mobility vehicle differs in its ability to resist EMI/RFI. Every mobility vehicle has a particular level of resistance to EMI/RFI. This resistance is measured in volts per meter (V/m). A higher resistance level offers greater protection against EMI/RFI. In other words, an electric mobility vehicle with a high resistance level is less likely to be affected by a strong radio source than is an electric mobility vehicle with a low resistance level.

## **What is the FDA doing about the problem?**

The FDA has written to electric mobility vehicle manufacturers and requested that those manufacturers test their new mobility vehicle models to be certain that they provide a reasonable degree of resistance against EMI/RFI. The FDA has stated that all newly manufactured electric mobility vehicle models should have a resistance level of at least 20 V/m. This level of resistance provides a reasonable degree of protection against the common sources of EMI/RFI.

The FDA has also requested or recommended that:

- Electric mobility vehicle manufacturers clearly label new products with their resistance level or state that the resistance level is not known.
- The labeling or informational material supplied with new electric mobility vehicles must explain what the resistance level means and warn users about the possibility of EMI/RFI and how to avoid it.
- Electric mobility vehicle manufacturers undertake an educational program to inform electric mobility vehicle users and their caregivers about the problems associated with EMI/RFI and about the actions they can take to minimize the risk of EMI/RFI.
- While there is no exact way to tell if your mobility vehicle is totally safe, an immunity level of 20 V/m is generally achievable and useful. This product has been tested and passed at an immunity level of 20 V/m.

## **What can I do to find out if my mobility vehicle is likely to be affected by EMI/RFI?**

If you have had your mobility vehicle for some time and have not experienced any unintended motion, it is not likely that you will have a problem in the future. However, it is always possible that EMI/RFI problems could arise if you are close to a source of radio waves. Therefore, it is very important for you to be alert to this possibility. The mobility vehicle meets or exceeds a resistance level of at least 20 V/m.

## **What can I do to reduce the risk of my mobility vehicle being affected by EMI/RFI?**

Here are some precautions you can take:

- Do not turn on or use hand-held personal communications devices, such as citizens band (CB) radios and cellular phones, while your mobility vehicle is turned on.
- Be aware of nearby radio wave transmitters, such as radio or TV stations and hand-held or mobile two-way radios. Try not to operate your mobility vehicle too close to those transmitters. For example, if you are on an electric mobility vehicle with a resistance level of at least 20 V/m, you should remain at least three feet from a hand-held two-way radio and at least ten feet from a mobile two-way radio.
- Be aware that adding accessories and/or components, or modifying your mobility vehicle in any way, may change its EMI/RFI resistance level and may make it more susceptible to interference from radio wave sources.

## **What should I do if my mobility vehicle moves unexpectedly?**

If unintended motion or unintended brake release occurs, turn off your mobility vehicle (by removing the key) as soon as it is safe to do so.

## **If my mobility vehicle moves unintentionally, where should I report the incident?**

Call Pride Customer Care at 1-800-424-8205 to report the incident.

# IV. SPECIFICATIONS

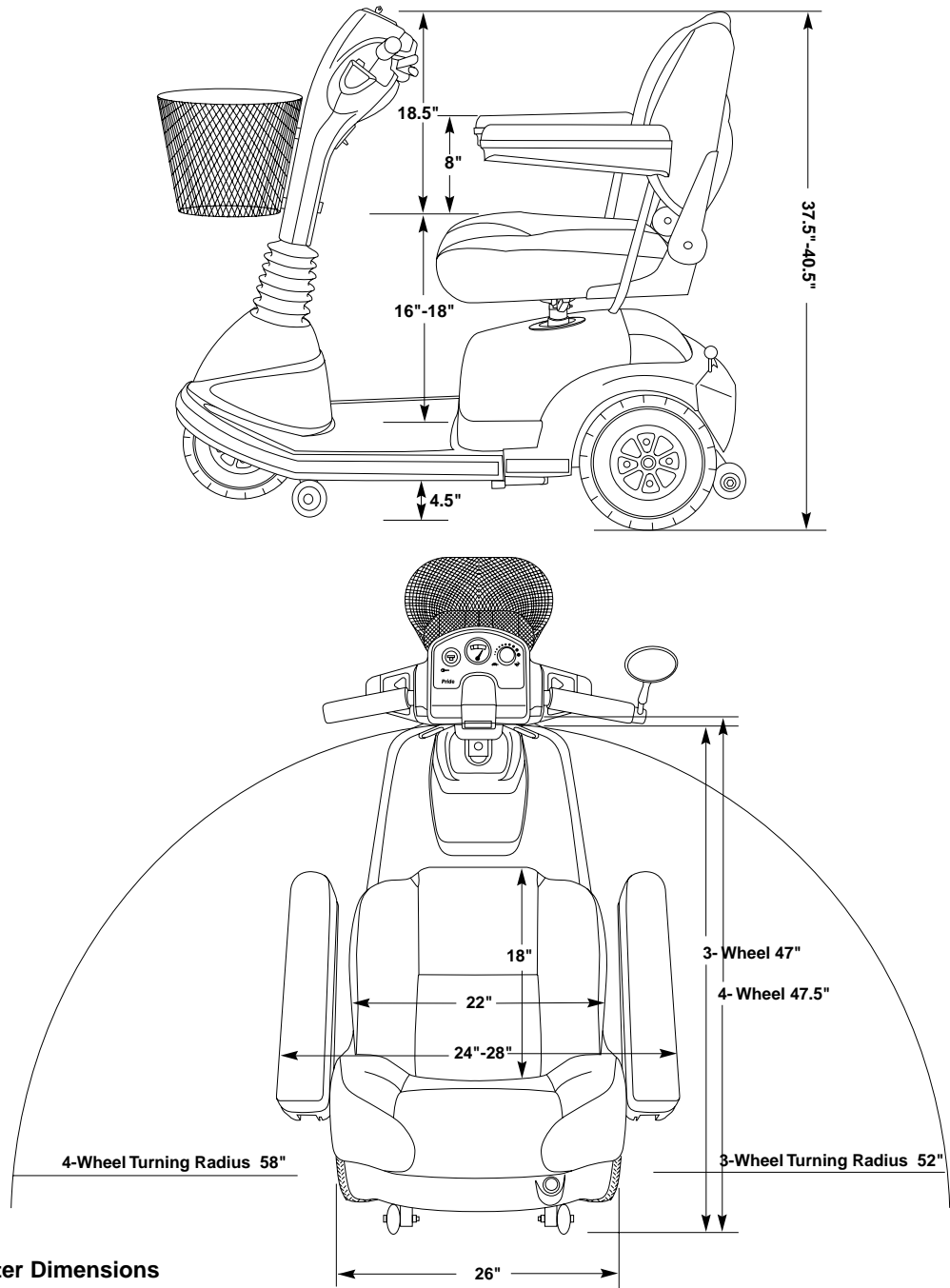


Figure 4. Scooter Dimensions

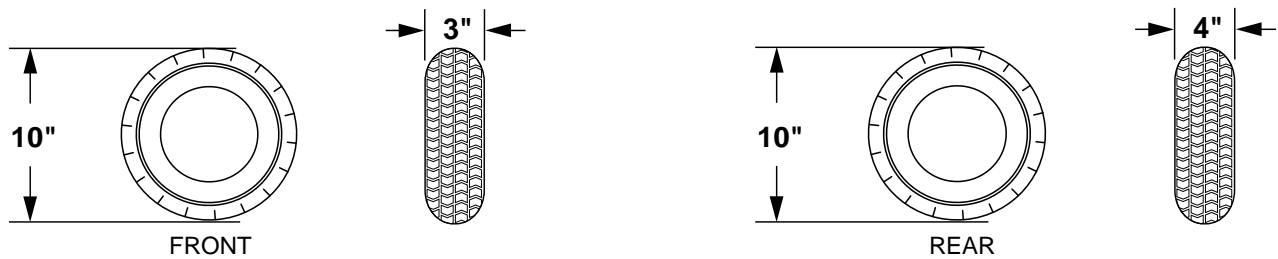


Figure 4A. Tire Dimensions



## IV. SPECIFICATIONS

<b>Model Numbers</b>	3-wheel: SC900 4-wheel: SC940
<b>Available Colors</b>	Painted: Candy Apple Red, Forest Green, Viper Blue, Black Onyx
<b>Overall Length</b>	3-wheel: 47 in. 4-wheel: 47.5 in.
<b>Overall Width</b>	26 in.
<b>Total Weight Without Batteries</b>	3-wheel: 173.5 lbs. 4-wheel: 189 lbs.
<b>Heaviest Piece When Disassembled</b>	Rear frame: 70 lbs.
<b>Turning Radius</b>	3-wheel: 52 in. 4-wheel: 58 in.
<b>Speed (maximum)</b>	Variable up to 5.25 mph
<b>Range Per Charge*</b>	<b>(With 32 AH batteries)</b> Up to 20 miles, <b>(With 55 AH batteries)</b> Up to 30 miles
<b>Ground Clearance</b>	4.5 in.
<b>Weight Capacity</b>	450 lbs.
<b>Standard Seating</b>	Type: DX contour medium back Dimensions: 22 in. width x 18 in. depth (usable) x 18.5 in. height (usable) Material: Gray, Beige, or Black vinyl or Gray fabric
<b>Standard Seat Weight</b>	45 lbs.
<b>Drive System</b>	Rear-wheel drive, sealed transaxle with a 24-volt DC motor
<b>Dual Braking System</b>	Electronic, regenerative, and electromechanical
<b>Tires</b>	Type: solid; front: 3 in. x 10 in., rear: 4 in. x 10 in.
<b>Battery Requirements</b>	Type: Two 12-volt deep cycle (AGM or Gel-Cell) Size: (U-1) 32 AH, (NF-22) 55 AH
<b>Battery Weight</b>	Approximately: (32 AH) 25 lbs. each, (55AH) 37 lbs. each
<b>Battery Charger</b>	Off-board charger

\*Varies with user weight, terrain type, battery charge, battery condition, and tire condition.

# V. YOUR SCOOTER

## CONTROL CONSOLE ASSEMBLY

The control console assembly houses all of the controls you need to drive your scooter, including the key switch, speed adjustment dial, status LED, throttle control lever, battery condition meter, horn buttons, light switch, turn signal buttons, and the hazard lights switch. See figure 5.



**WARNING! Do not expose the control console assembly to moisture. In the event that the control console assembly does become exposed to moisture, do not attempt to operate your scooter until the control console assembly has dried thoroughly.**

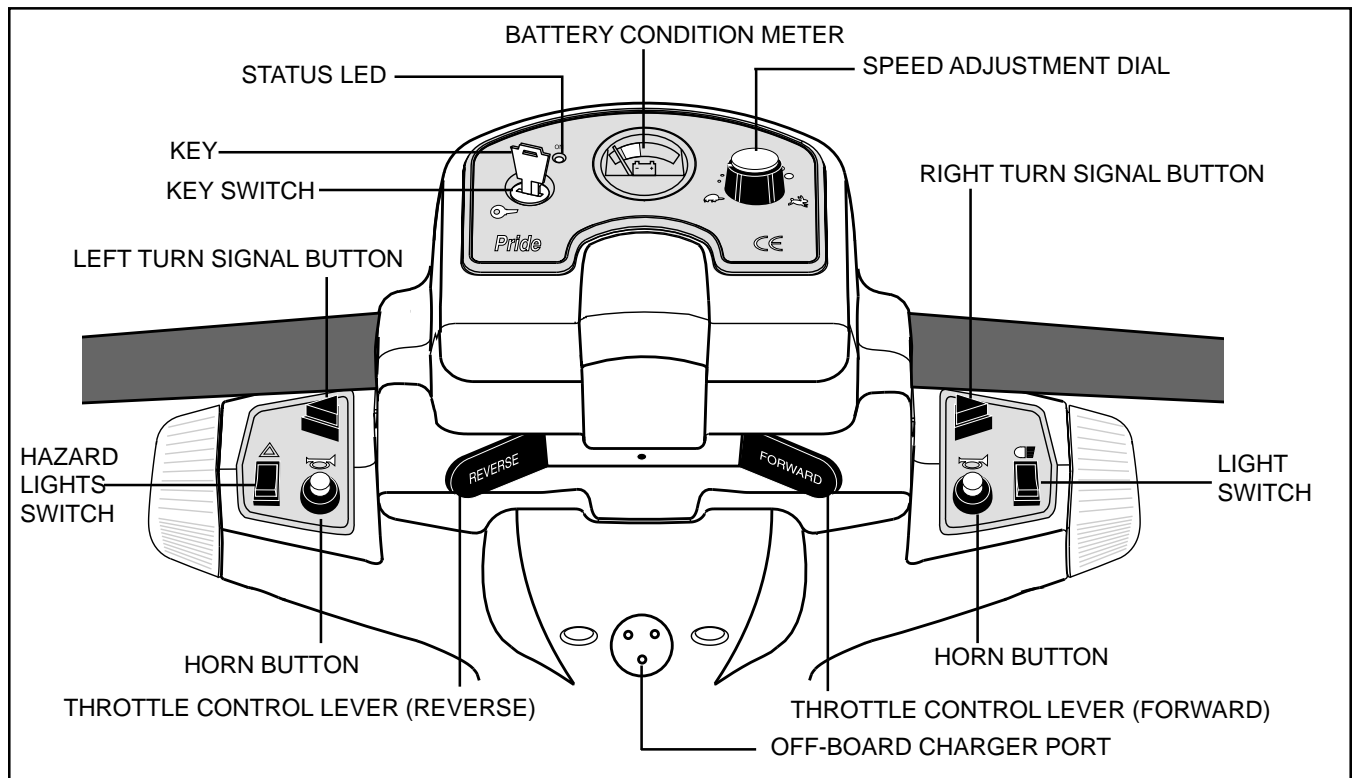


Figure 5. Control Console Assembly

### Key Switch

- Fully insert the key into the key switch and turn it clockwise to power up (turn on) your scooter.
- Turn the key counterclockwise to power down (turn off) your scooter.



**WARNING! If the key is moved to the off position while your scooter is in motion, the electronic brakes engage and your scooter comes to an abrupt stop!**

### Speed Adjustment Dial

This adjustment dial enables you to preselect and limit your scooter's top speed.

- The image of the tortoise represents the slowest speed setting.
- The image of the hare represents the fastest speed setting.

# V. YOUR SCOOTER

## Status LED

The Status LED alerts you to electrical problems that may occur with the scooter. The LED remains constantly lit while your scooter is on. If the scooter develops an electrical problem, the status LED will flash a code. See X. “Basic Troubleshooting” for troubleshooting flash codes.

## Throttle Control Lever

This lever allows you to control the forward speed and the reverse speed of your scooter up to the maximum speed you preset with the speed adjustment dial.

- Place your right hand on the right handgrip and your left hand on the left handgrip.
- Use your right thumb to push the right side of the lever to disengage your scooter’s brakes and move forward.
- Release the lever and allow your scooter to come to a complete stop before pushing the other side of the lever to move in reverse.
- When the throttle control lever is completely released, it automatically returns to the center “stop” position and engages your scooter’s brakes.

## Battery Condition Meter

The battery condition meter on the control console assembly indicates the approximate strength of your batteries using a color code. Green indicates fully charged batteries, yellow a draining charge, and red indicates that an immediate recharge is necessary.

## Horn Buttons

The key must be inserted and turned clockwise for the horn to be operational.

- These buttons activate a warning horn.
- Do not hesitate to use the warning horn when its use could prevent accident or injury.

## Light Switch

This switch controls your scooter’s lighting system. Toggle this switch to turn on and turn off the lights.

## Turn Signal Buttons

Use these buttons to turn on the left and right turn signal lights.

- Press the appropriate turn signal button once to activate it.
- Your scooter’s turn signals are timed to shut off automatically.

## Hazard Lights Switch

This switch activates the 4-way flashers on your scooter. Toggle this switch to turn on and turn off the lights.

## Off-Board Charger Port

The scooter’s off-board charger plugs into this port.

# V. YOUR SCOOTER

## REAR SECTION

The manual freewheel lever, the anti-tip wheels, the motor/transaxle assembly (not shown), the electronics module, the batteries (not shown), the main circuit breaker (reset button), the fuses, and the ammeter are located on the rear section of your scooter. See figure 6. Refer to IX. “Disassembly and Assembly” for instructions on removing the rear shroud.

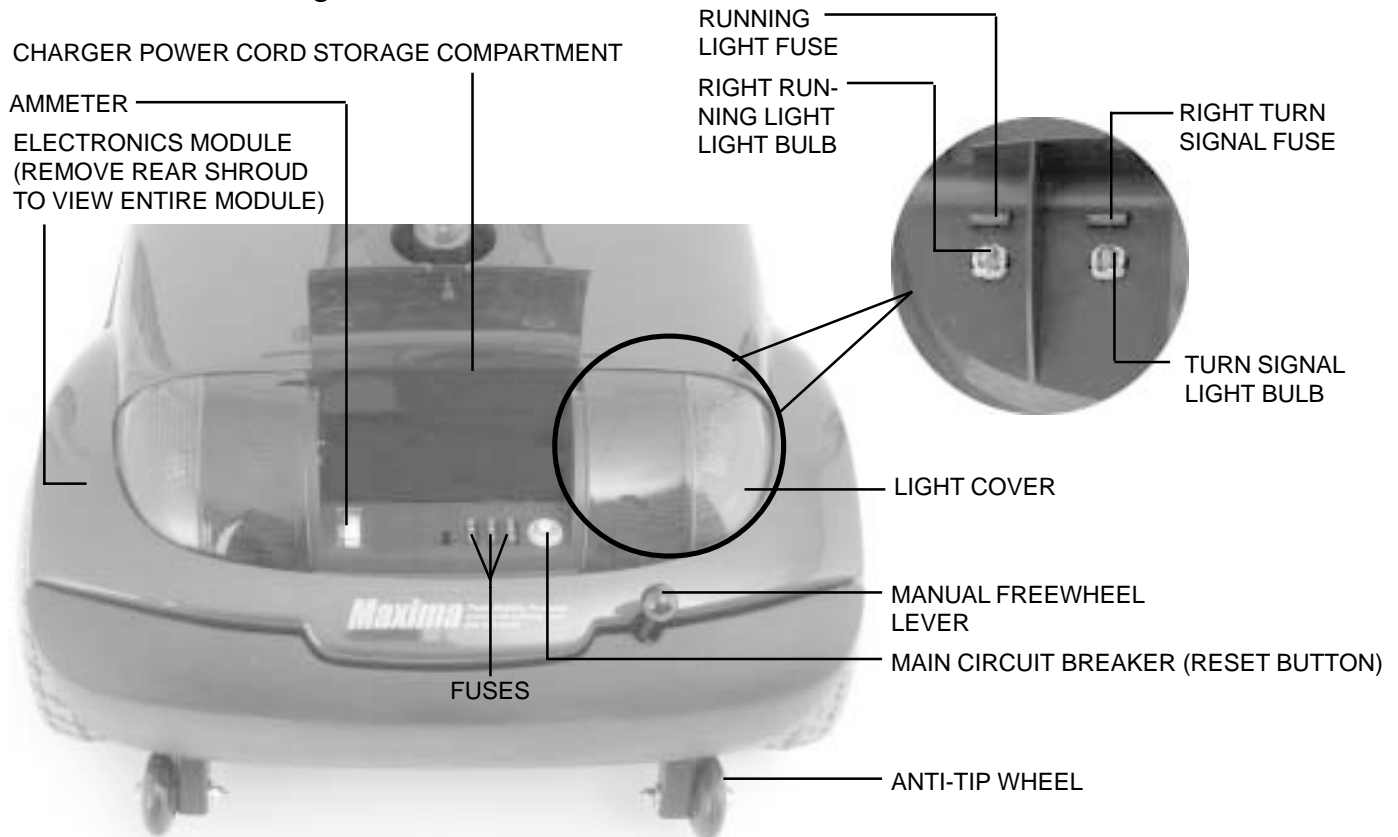


Figure 6. Rear Section

## Main Circuit Breaker (Reset Button)

When the voltage in your scooter’s batteries becomes low or your scooter is heavily strained because of excessive loads or steep inclines, the main circuit breaker may trip to protect your scooter’s motor and electronics from damage.

- The main circuit breaker reset button pops out when the breaker trips.
- When the breaker trips, the entire electrical system of your scooter shuts down.
- Allow a minute or two for your scooter’s electronics to “rest.”
- Push in the reset button to reset the breaker.
- If the breaker trips frequently, you may need to charge your batteries more often. You may also need to have your authorized Pride Provider perform a load test on your scooter’s batteries.
- If the main circuit breaker trips repeatedly, see your authorized Pride Provider for service.

# V. YOUR SCOOTER

## Manual Freewheel Lever

Whenever you need or want to push your scooter for short distances, you can put it in freewheel mode.

- Pull up on the manual freewheel lever to disable the drive system and the brake system.
- You may push your scooter.
- Push down on the manual freewheel lever to reengage the drive system and the brake system and take your scooter out of freewheel mode.



**WARNING! When your scooter is in freewheel mode, the braking system is disengaged.**

- **Disengage the drive motors only on a level surface.**
- **Ensure the key is removed from the key switch.**
- **Stand behind the scooter to engage or disengage freewheel mode. Never sit on a scooter to do this.**
- **After you have finished pushing your scooter, always return it to the drive mode to lock the brakes.**

**Failure to heed the above could result in personal injury and/or damage to your scooter.**

### OPERATION OF THE MANUAL FREEWHEEL LEVER

- **Only put the scooter in freewheel mode when on a flat surface with the key removed.**
- **Pull UP FIRMLY on the manual freewheel lever when putting the scooter into freewheel mode.**
- **Push DOWN FIRMLY to engage drive mode.**

## Anti-Tip Wheels



**WARNING! Do not remove the anti-tip wheels or modify your scooter in any way that is not authorized by Pride.**

The front (not shown) and rear anti-tip wheels are an integral and important safety feature of your scooter. Do not, under any circumstances, remove the anti-tip wheels from your scooter.

## Motor/Transaxle Assembly (Not Shown)

The motor/transaxle assembly is the electromechanical unit that converts the electrical energy of your scooter's batteries into the controlled mechanical energy that drives the scooter's wheels.

## Electronics Module

The electronics module houses all of the scooter's harness mating plugs and electronic components for charging the batteries.

## Batteries (Not Shown)

The batteries store the electrical energy that powers your scooter. See VI. "Batteries and Charging."

## Fuses

The fuses help protect your scooter's lighting, and control console assembly systems from receiving an overload of electrical current. The fuses used in the scooter are the same type automobiles use.

If a fuse must be replaced, use only the specified amp fuse. See XI. "Care and Maintenance."

# V. YOUR SCOOTER

## **HERCULES DOCKING DEVICE**

Your scooter is equipped with a Hercules 3000 docking device. See figure 7. In order to utilize the docking device, it is necessary to purchase an insert (T-bar or Bullnose and C-arm) that, when used with the Hercules 3000, will lift your scooter.

Contact your authorized Pride Provider for more information about the Hercules 3000 docking device.



**Figure 7. Hercules 3000 Docking Device**

## VI. BATTERIES AND CHARGING

Your scooter requires two long-lasting, 12-volt, deep-cycle batteries that are sealed and maintenance free. They are recharged by an onboard charging system.

- Charge your scooter's batteries prior to using it for the first time.
- Keep the batteries fully charged to keep your scooter running smoothly.

### READING YOUR BATTERY VOLTAGE

The battery condition meter on the tiller console indicates the approximate strength of your batteries using a color code. Green indicates fully charged batteries, yellow a draining charge, and red indicates that an immediate recharge is necessary. See figure 8. To ensure the highest accuracy, the battery condition meter should be checked while operating your scooter at full speed on a dry, level surface.

You can also check the charging status of the batteries by the ammeter, located at the rear of the scooter. The charger power cord must be plugged into a standard wall outlet in order to obtain a reading. When the amperage reading is at or near zero amps, charging is complete. See figure 9.

### CHARGING YOUR BATTERIES

**WARNING! Never use an extension cord to plug in your battery charger. Plug the charger directly into a properly wired standard wall outlet.**



**WARNING! Removal of the grounding prong can create an electrical hazard. If necessary properly install an approved 3-pronged adaptor to an electrical outlet having 2-pronged plug access. Failure to heed could result in personal injury and or property damage.**

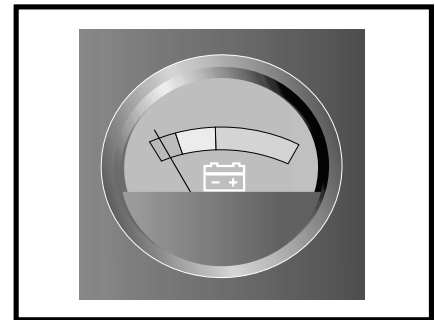


Figure 8. Battery Condition Meter

Follow these easy steps to charge your batteries safely:

1. Position your scooter close to a standard wall outlet.
2. Remove the key from the key switch.
3. Make certain that the manual freewheel lever is in the drive (pushed down) position.
4. Plug the 3-pin charger power cord into the off-board charger port.
5. Extend the charger power cord and plug it into the wall outlet.
6. Turn the charger on.
7. When the batteries are fully charged, turn the charger off and unplug the charger power cord from the wall outlet and then from the charger power cord receptacle.

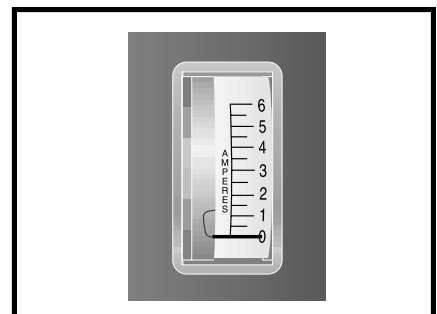


Figure 9. Ammeter Indicates Batteries Are Fully Charged

*NOTE: There is a charger inhibit function on your scooter. The scooter will not run and the battery condition meter will not operate while the batteries are charging.*

# VI. BATTERIES AND CHARGING

## BATTERIES AND CHARGING-FREQUENTLY ASKED QUESTIONS (FAQS)

### **How does the charger work?**

When your scooter's battery voltage is low, the charger works harder, sending more electrical current to the batteries to bring up their charge. As the batteries approach a full charge, the charger sends less and less electrical current. When the batteries are fully charged, the current sent from the charger is at nearly zero amperage. Therefore, when the charger is plugged in, it maintains the charge on your scooter's batteries, but does not overcharge them. We do not recommend that you charge your scooter's batteries for more than 24 consecutive hours.

### **What if my scooter's batteries won't charge?**

- Ensure the red (+) and black (-) battery cables are connected properly to the battery terminals.
- Ensure both battery harnesses that extend from the batteries are plugged into their mating harness leading to the charger.
- Ensure both ends of the charger power cord are inserted fully.

### **Can I use a different charger?**

For the safest, most efficient, and balanced charging of your scooter's batteries, we prefer and highly recommend simultaneous charging of both batteries with the onboard battery charger.

### **How often must I charge the batteries?**

Two major factors must be considered when deciding how often to charge your scooter's batteries:

- All day scooter use on a daily basis.
- Infrequent or sporadic scooter use.

With these considerations in mind, you can determine how often and for how long you should charge your scooter's batteries. We designed the onboard charger so that it will not overcharge your scooter's batteries. However, you may encounter some problems if you do not charge your batteries often enough and if you do not charge them on a regular basis. Following the five guidelines below will provide safe and reliable battery operation and charging.

- If you use your scooter daily, charge its batteries as soon as you finish using it for the day. Your scooter will be ready each morning to give you a full day of service. We recommend that you charge your scooter's batteries for 8 to 14 hours after daily use.
- If you use your scooter once a week or less, charge its batteries at least once a week for 12 to 14 hours at a time.
- Keep your scooter's batteries fully charged.
- Avoid deeply discharging your scooter's batteries.

### **How can I ensure maximum battery life?**

Fully charged deep-cycle batteries provide reliable performance and extended battery life. Keep your scooter's batteries fully charged whenever possible. Batteries that are regularly and deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable performance and limited service life.



# VI. BATTERIES AND CHARGING

## How can I get maximum range or distance per charge?

Rarely will you have ideal driving conditions—smooth, flat, hard driving surfaces with no wind or curves. Often, you will face hills, pavement cracks, uneven and loosely packed surfaces, curves, and wind, all of which affect the distance or running time per battery charge. Below are a few suggestions for obtaining the maximum range per battery charge.

- Always fully charge your scooter's batteries prior to daily use.
- Maintain **30-35 psi** (pounds per square inch) in each tire.
- Plan your route ahead to avoid as many hills, cracked, broken, or soft surfaces as possible.
- Limit your baggage weight to essential items.
- Try to maintain an even speed while your scooter is in motion.
- Avoid stop-and-go driving.

## What type and size of battery should I use?

We recommend deep-cycle batteries that are sealed and maintenance free. Both AGM and Gel-Cell are deep-cycle batteries that are similar in performance. Do not use wet-cell batteries, which have removable caps.

*NOTE: Sealed batteries are not serviceable. Do not remove the caps.*

Use these specifications to reorder batteries from your authorized Pride Provider:

BATTERY SPECIFICATIONS	
Type:	Deep-cycle (AGM or Gel-Cell)
Size:	U-1, NF-22
Voltage:	12 volts each
Amperage:	32 AH, 55 AH (amp hours)



**WARNING! Corrosive chemicals contained in batteries. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.**

To change a battery in your scooter:



**WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.**

1. Remove the seat and rear shroud.
2. Disconnect the battery tie-down strap.
3. Disconnect the battery harness.
4. Disconnect the battery cables from the battery terminals.
5. Remove the old battery.
6. Place a new battery in the battery well.
7. Connect the red battery cable to the positive (+) battery terminal.
8. Connect the black battery cable to the negative (-) battery terminal.
9. Reconnect the battery harness.
10. Reconnect the battery tie-down strap.
11. Reinstall the rear shroud and seat.

## VI. BATTERIES AND CHARGING

### **BATTERY DISPOSAL AND RECYCLING**

If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag and call your authorized Pride Provider for instructions on disposal. Your authorized Pride Provider will also have the necessary information on battery recycling, which is our recommended course of action.

### **Why do my new batteries seem weak?**

Deep-cycle batteries employ a different chemical technology than that used in car batteries, nickel-cadmium batteries (nicads), and other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge.

We work closely with our battery manufacturer to provide batteries that best suit your scooter's specific electrical demands. Fresh batteries arrive daily at Pride and are shipped fully charged to our customers. During shipping, the batteries may encounter temperature extremes that can influence their initial performance. Heat diminishes the charge on the battery; cold slows the available power and extends the time needed to recharge the battery.

It may take a few days for the temperature of your scooter's batteries to stabilise and adjust to their new room or ambient temperature.

More importantly, it takes a few charging cycles (partial draining followed by full recharging) to establish the critical chemical balance that is essential to a deep-cycle battery's peak performance and long life.

Follow these steps to properly break in your scooter's new batteries for maximum efficiency and service life.

1. Fully recharge any new battery prior to its initial use. This charging cycle brings the battery up to about 88% of its peak performance level.
2. Operate your new scooter in familiar and safe areas. Drive slowly at first, and do not travel too far from your home or familiar surroundings until you have become accustomed to your scooter's controls and have properly broken in your scooter's batteries.
3. Fully recharge the batteries. They should be at over 90% of their peak performance level.
4. Operate your scooter again.
5. Fully recharge the batteries again.
6. After four or five charging cycles, the batteries are able to receive a charge of 100% of their peak performance level and are able to last for an extended period of time.

### **What about public transportation?**

If you intend to use public transportation with your scooter, you must contact the transportation Provider in advance to determine their specific requirements.

# VII. OPERATION

## BEFORE GETTING ON YOUR SCOOTER

- Have you fully charged the batteries? See VI. “Batteries and Charging.”
- Is the manual freewheel lever in the drive (down) position? Never leave the manual freewheel lever pulled up unless you are manually pushing your scooter.

## GETTING ONTO YOUR SCOOTER

1. Make certain that the key is removed from the key switch.



**WARNING! Never attempt to board or exit your scooter without first removing the key from the key switch. This will prevent the scooter from moving if accidental throttle control lever contact is made.**

2. Stand at the side of your scooter.
3. Push down on the seat lock lever and rotate the seat until it is facing you.
4. Make certain that the seat is locked securely in position.
5. Position yourself comfortably and securely in the seat.
6. Push down on the seat lock lever and rotate the seat until you are facing forward.
7. Make certain that the seat is locked securely in position.
8. Make certain that your feet are safely on the floorboard.

## PRE-RIDE ADJUSTMENTS AND CHECKS

- Is the seat at the proper height? See VIII. “Comfort Adjustments.”
- Is the seat locked securely in place?
- Is the tiller at a comfortable setting and locked securely in place? See VIII. “Comfort Adjustments.”
- Is the key fully inserted into the key switch and turned clockwise to the “on” position? See V. “Your Scooter.”
- Does the scooter’s horn work properly?
- Is your proposed path clear of people, pets, and obstacles?
- Have you planned your route to avoid adverse terrain and as many inclines as possible?

## OPERATING YOUR SCOOTER

Keep both hands on the tiller and your feet on the floorboard at all times while operating your scooter. This driving position gives you the most control over your vehicle.

- Set the speed adjustment dial to your desired speed.
- Press your thumb against the appropriate throttle control lever.
- The electromechanical disc park brake automatically disengages and the scooter accelerates smoothly to the speed you preselected with the speed adjustment dial.
- Pull on the left handgrip to steer your scooter to the left.
- Pull on the right handgrip to steer your scooter to the right.
- Move the tiller to the center position to drive straight ahead.
- To stop, slowly release the throttle control lever. The electronic brakes will automatically engage when your scooter comes to a stop.

*NOTE: Your scooter’s reverse speed is slower than that of the forward speed you preset with the speed adjustment dial.*

# VII. OPERATION

## GETTING OFF OF YOUR SCOOTER

1. Bring your scooter to a complete stop.
2. **Remove the key from the key switch.**
3. Push down on the seat lock lever and rotate the seat until you are facing toward the side of your scooter.
4. Make certain that the seat is locked securely in position.
5. Carefully and safely get out of the seat and stand to the side of your scooter.
6. You can leave the seat facing to the side to facilitate boarding your scooter next time.

## POWER DOWN TIMER FEATURE

Your scooter is equipped with an energy saving auto power down timer feature designed to preserve your scooter's battery life. If you mistakenly leave the key in the key switch and in the "on" position but do not use your scooter for approximately 20 minutes, the scooters controller shuts down automatically. Although the controller is shut down, power will still be supplied to the scooters lighting system.

If the power down timer feature takes effect, perform the following steps to resume normal operation.

1. Turn the key to the "off" position.
2. Turn the key back to the "on" position.

# VIII. COMFORT ADJUSTMENTS

## TILLER ANGLE ADJUSTMENT



**WARNING!** Remove the key from the key switch before adjusting the tiller or the seat. Never attempt to adjust the tiller or the seat while the scooter is in motion.

Your scooter is equipped with a pivoting tiller that allows adjustment to several positions.

1. Lift the tiller adjustment lever. See figure 10.
2. Move the tiller to a comfortable position.
3. Release the tiller adjustment lever to secure the tiller in position.

## SEAT LOCK LEVER

The seat lock lever locks the seat in one of four positions. See figure 11.

1. Push the seat lock lever down to unlock the seat.
2. Rotate the seat to the desired position.
3. Release the seat lock lever to lock the seat securely in place.

## FRONT-TO-BACK SEAT ADJUSTMENT

You can reposition the scooter's seat forward or rearward to one of three settings to adjust the distance between the seat and the tiller. See figure 11.

1. Remove the seat from your scooter. See IX. "Disassembly and Assembly."
2. Remove the four bolts that fasten the seat to the seat platform.
3. Align the seat platform with the desired set of holes on the seat.
4. Install the four bolts securely.

## ARMREST WIDTH ADJUSTMENT

The armrests can be adjusted inward or outward. See figure 11A.

1. Loosen the armrest adjustment knobs at the back of the seat frame.
2. Slide the armrests in or out to the desired width.
3. Tighten the armrest adjustment knobs.

The armrests also pivot upward to make getting onto and off of your scooter easier.

## ARMREST HEIGHT ADJUSTMENT

The height of both armrests can be adjusted upward or downward. See figure 11A.

1. Remove the detent pin.
2. Raise or lower the armrest.
3. Reinsert the detent pin through the adjustment holes of the upper and lower posts.

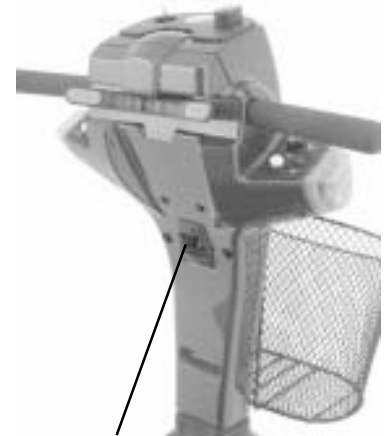


Figure 10. Tiller Adjustment Lever

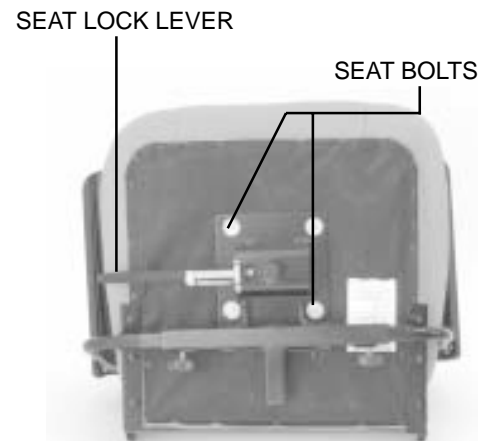


Figure 11. Seat Adjustments

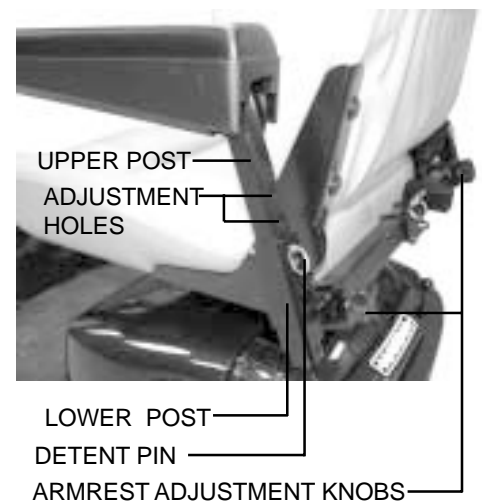


Figure 11A. Armrest Adjustments

# VIII. COMFORT ADJUSTMENTS

## SEATBACK ADJUSTMENT

The seatback may be positioned to four different angles: 90°, 100°, 102° and 105°. See figure 12.

To adjust the seatback angle:

1. Loosen and remove the adjustment screws from the seatback hinge on both sides of the seat.
2. Reposition the seatback to the desired angle.
3. Align the adjustment holes from the upper and lower hinge, so the adjustment screw can easily pass through.
4. Reinsert both adjustment screws and tighten.

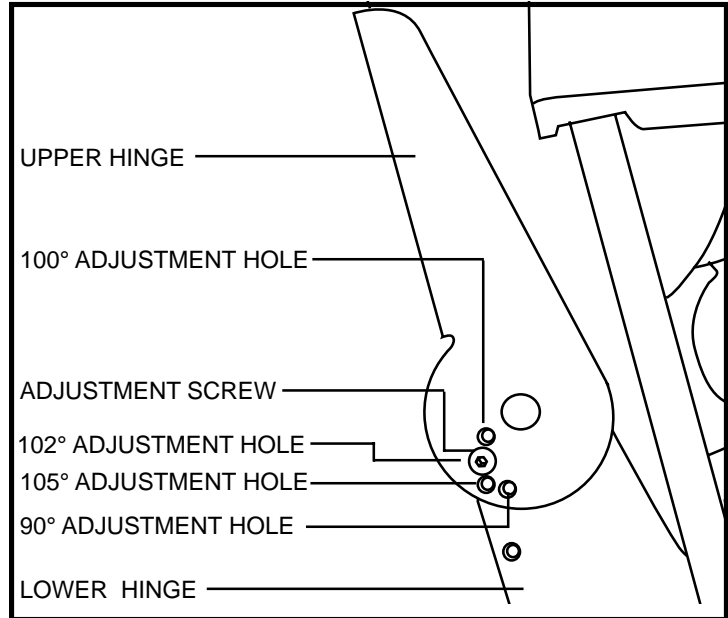


Figure 12. Seatback Hinge

## SEAT HEIGHT ADJUSTMENT

The seat can be repositioned to different heights. See figure 13.

1. Remove the seat and shroud from your scooter. See IX. “Disassembly and Assembly.”
2. Loosen the nut and remove it from the bolt, and remove the bolt and washers from the lower seat post.
3. Raise or lower the upper seat post to the desired seat height.
4. While holding the upper seat post at that height, match up the holes in the upper seat post with those of the lower seat post.
5. Fully insert the bolt, reinstall the washers, and tighten the nut.

*Note: Ensure both washers have been reinstalled before fully tightening the nut.*

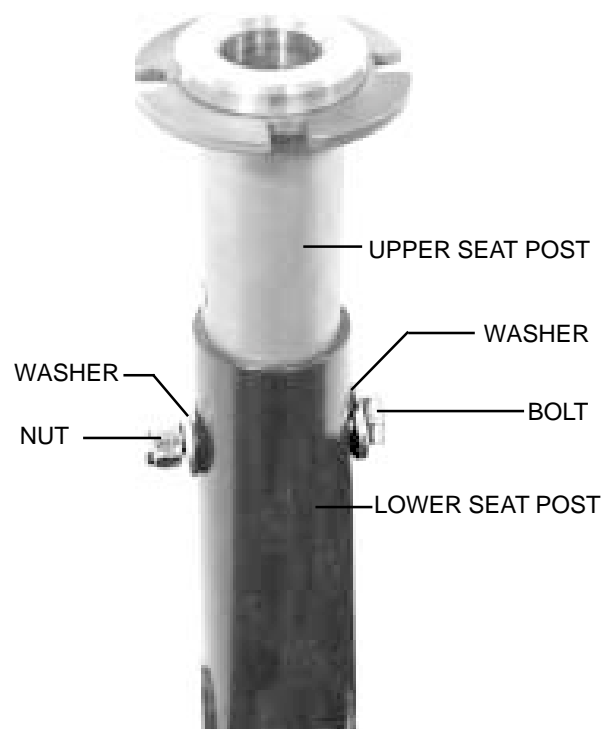


Figure 13. Seat Height Adjustment

6. Reinstall the rear shroud and the seat.

# VIII. COMFORT ADJUSTMENTS

## POWER SEAT (OPTIONAL)

Your scooter may be equipped with a power seat. The power seat actuator is designed to raise or lower the seat automatically with minimal effort on the part of the operator. See figure 14. The power seat switch is located on the lower tiller just above the charger port.

### Operating your power seat:

1. Release the throttle control lever.
2. Ensure your scooter is level and stationary.
3. Set the speed adjustment dial to the slowest setting
4. Toggle “on” the power seat switch that is located on the tiller console.
5. To raise the power seat, place your hands on the handgrips and use your thumb to push the right side of the throttle control lever.
6. Release the throttle control lever when you have attained your desired height.
7. To lower the power seat, place your hands on the handgrips and use your thumb to push the left side of the throttle control lever.
8. Ensure your seat is in the lowest position and release the throttle control lever.
9. Toggle “off” the power seat switch before you attempt to drive your scooter again.



**WARNING! The power seat is intended for operation only while your scooter is stationary and on a level surface. Its purpose is to aid you in reaching objects.**

**Strict adherence to the following safety rules is vital to your safety:**

- **Operate the power seat only on level ground.**
- **Do not attempt to operate the power seat switch with the throttle control lever depressed.**
- **Do not attempt to raise or lower the seat while in motion!**
- **Do not operate your scooter with the power seat elevated.**
- **It is recommended that the scooter be driven only with the seat in the lowest position.**



Figure 14. Power Seat Actuator

# IX. DISASSEMBLY AND ASSEMBLY

## DISASSEMBLY

You can disassemble the scooter into seven pieces: the seat, the front section, the rear section, the rear shroud, the basket, and the batteries. See figure 15. Place the scooter in an area where you have sufficient clearance to move the parts around. You need about four or five feet in all directions. You may need assistance to lift some of the scooter components. See IV. “Specifications” for individual component weights.

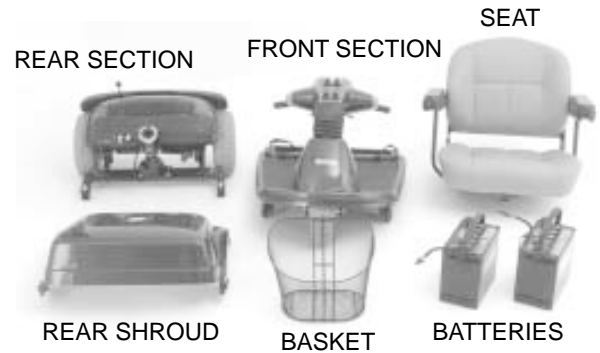


Figure 15. The Maxima Disassembled

No tools are required to disassemble or assemble your scooter. Always disassemble or assemble your scooter on a level, dry surface with sufficient room for you to work and move around your scooter. Keep in mind that the disassembled sections of the scooter take up more floor space than the assembled scooter.



**WARNING! Lifting weight beyond your physical capability may result in personal injury. Ask for assistance when necessary while disassembling or assembling your scooter.**

To disassemble:

1. Place the manual freewheel lever in the drive (down) position.
2. Coil the charger power cord and store it in the rear storage compartment.
3. Lift the seat straight up and off the scooter. See figure 16.
4. Gently lift the rear shroud off of the scooter. See figure 17.



Figure 16. Seat Removal



Figure 17. Rear Shroud Removal

5. Disconnect the battery tie-down strap that holds the batteries in place.
6. Unplug both black and white 2-pin battery harnesses. See figure 18.
7. Unplug the front-to-rear harness from its mating plug. See figure 19.



Figure 18. Disconnecting The Battery Harnesses



Figure 19. Disconnecting The Front-To-Rear Harness



# IX. DISASSEMBLY AND ASSEMBLY

*NOTE: There is no need to disconnect the motor harness when disassembling the scooter. See figure 20.*

8. Lift both batteries off the scooter. See figure 21.

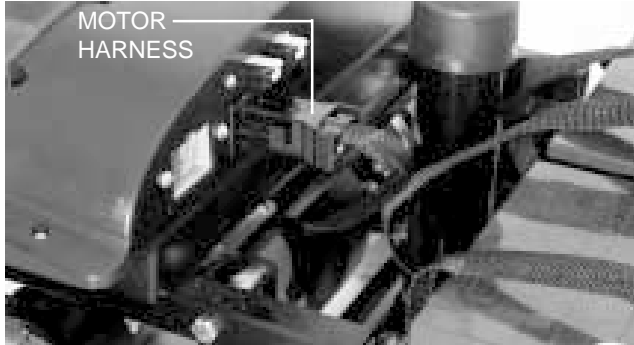


Figure 20. Motor Harness



Figure 21. Battery Removal



**WARNING! Failure to unplug both battery harnesses and the front-to-rear harness prior to frame separation could result in permanent damage to the scooter.**

9. Push the locking cam levers forward to the unlocked position and remove the ball detent pins. See figures 22 and 23.



Figure 22. Locking Cam Levers (Unlocked Position)

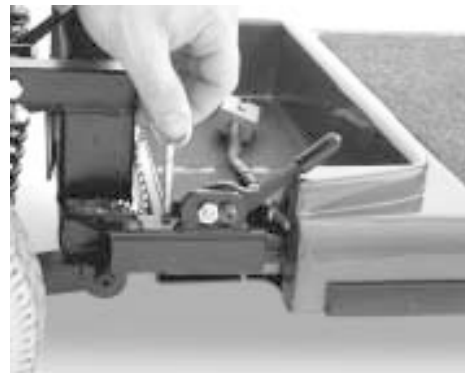


Figure 23. Frame Lock-up Ball Detent Pins

10. Remove the frame handle ball detent pin. See figure 24.

11. Gently slide the two sections of the scooter apart. See figure 25.

12. Grab the handle grip on the tiller, pull upward on the tiller adjustment lever, and fully lower the tiller down to the center of the scooter chassis.



Figure 24. Frame Handle Ball Detent Pin



Figure 25. Frame Separation

# IX . DISASSEMBLY AND ASSEMBLY

## ASSEMBLY

*NOTE: Raise the tiller before starting to reassemble the scooter.*

1. Place the manual freewheel lever in the drive (down) position.
2. Position the front and rear sections next to each other.
3. Tilt the rear end to a horizontal position and insert the longer tube of the front end into the rear section first; make sure that the locking cam levers are in the unlocked (forward) position and the ball detent pins are removed.
4. Slide the two sections of the unit together until the front half reaches its insertion limit.
5. Secure the front and rear sections with the ball detent pins.
6. Push the frame lock levers back to their locked (upward) position.
7. Replace frame handle ball detent pin.
8. Plug the front-to-rear harness into its mating plug.
9. Put the batteries in place and plug both black and white 2-pin battery harnesses into their mating plugs.
10. Reconnect the battery tie-down strap.
11. Reinstall the rear shroud.
12. Reinstall the seat.
13. Rotate the seat until it locks into place.

# X. BASIC TROUBLESHOOTING

Any electromechanical device occasionally requires some troubleshooting. However, most of the problems that may arise can usually be solved with a bit of thought and common sense. Many of these problems occur because the batteries are not fully charged or because the batteries are worn down and can no longer hold a charge.

## DIAGNOSTIC FLASH CODES

The diagnostic flash codes for your scooter are designed to help you perform basic troubleshooting quickly and easily. A diagnostic flash code flashes from the status LED in the event one of the conditions listed below develops.

*NOTE: Your scooter will not run unless the flash code condition is resolved and the scooter has been turned off then turned back on.*

FLASH CODE	CONDITION	SOLUTION
■            ■ ■ ■ ■	Batteries are too low to operate the Maxima or the charger is operating.	Charge batteries or unplug the charger power cord from the electrical outlet.
■            ■	Controller is hot; the Maxima seems to be losing power.	Shut down your Maxima for several minutes to allow the controller to cool.
■ ■ ■            ■	Wigwag fault; your throttle control levers are not responding.	Call your authorized Pride Provider for assistance.
■ ■ ■            ■ ■	The manual freewheel lever is in the (up) freewheel position.	Turn the Maxima key to the off position, then push the manual freewheel lever to the (down) drive position, restart your Maxima.
■            ■ ■ ■ ■ ■	The Maxima is operating with the charger attached.	Unplug the charger cord from the charger power cord receptacle.

### What if all the systems on my scooter seem to be “dead”?

- Make certain that the key is in the “on” position.
- Check that the batteries are fully charged. See VI. “Batteries and Charging.”
- Push in the main circuit breaker reset button. See V. “Your Scooter”
- Make certain that both battery harnesses are firmly connected to the electronics module and to the battery terminals. See IX. “Disassembly and Assembly.”
- Make sure that the front-to-rear harness is firmly connected to the electronics module. See IX. “Disassembly and Assembly.”
- Check the fuses. See XI. “Care and Maintenance” for fuse replacement.
- Be sure the power down timer feature hasn’t been activated. See VII “Operation.”

### What if the motor runs but my scooter does not move?

- With the key turned to the “on” position, check the status LED. If the LED flashes three times, pauses briefly, then flashes two times, this is the manual freewheel lever code meaning your scooter is in freewheel mode.
- When the manual freewheel lever is pulled up, the brakes are disengaged and all power to the transaxle is cut.
- Push down the manual freewheel lever to restore normal operation to your scooter See V. “Your Scooter.”

## X. BASIC TROUBLESHOOTING

### **What if the main circuit breaker repeatedly trips?**

- Charge the scooter's batteries more frequently. See VI. "Batteries and Charging."
- If the problem continues, have both of your scooter's batteries load tested by your authorized Pride Provider.
- You may also perform the load test yourself. Battery load testers are available at most automotive parts stores.
- Follow the directions supplied with the load tester.
- See VI. "Batteries and Charging" or IV. "Specifications" for information about your scooter's battery type.

### **What if the battery condition meter dips way down and the motor surges or hesitates when I press my scooter's throttle control lever?**

- Fully charge your scooter's batteries. See VI. "Batteries and Charging."
- Have your authorized Pride Provider load test each battery.
- Or, see the previous troubleshooting question for load testing the batteries yourself.

If you experience any problems with your scooter that you are not able to solve, immediately contact your authorized Pride Provider for information, maintenance, and service.

# XI. CARE AND MAINTENANCE

Your scooter requires a minimal amount of care and maintenance. If you do not feel confident in your ability to perform the maintenance listed below, you may schedule inspection and maintenance at your authorized Pride Provider. The following areas require periodic inspection and/or care and maintenance.

## TIRE PRESSURE

- If equipped with pneumatic tires, always maintain a proper **30-35 psi** tire pressure.



**WARNING! It is important that 30-35 psi tire pressure be maintained in pneumatic tires at all times. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to maintain 30-35 psi tire pressure in pneumatic tires at all times may result in tire and/or wheel failure, causing serious personal injury and/or damage to your scooter.**

- Regularly inspect your scooter's tires for signs of wear.

## EXTERIOR SURFACES

Bumpers, tires, and trim can benefit from an occasional application of rubber or vinyl conditioner.



**WARNING! Do not use a rubber or vinyl conditioner on the scooter's vinyl seat, floorboard, or tire tread. They will become dangerously slippery and result in personal injury and/or damage to your scooter.**

## BATTERY TERMINAL CONNECTIONS

- Make certain that the terminal connections remain tight and uncorroded.
- The batteries must sit flat in the battery wells.
- The battery terminals should face the rear of the scooter.

## WIRING HARNESSES

- Regularly check all wiring connections.
- Regularly check all wiring insulation, including the charger power cord, for wear or damage.
- Have your authorized Pride Provider repair or replace any damaged connector, connection, or insulation that you find before using your scooter again.

## ABS PLASTIC SHROUDS

- The front tiller shroud, front shroud, and the rear shroud are formed from durable ABS plastic and are coated with an advanced formula urethane paint.
- A light application of car wax will help the shrouds retain their high gloss.

## AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

These items are all prelubricated, sealed, and require no subsequent lubrication.

## MOTOR BRUSHES

The motor brushes are housed inside of the motor transaxle/assembly. They should be inspected periodically for wear by your authorized Pride Provider.

# XI. CARE AND MAINTENANCE

## CONSOLE, CHARGER, AND REAR ELECTRONICS

- Keep these areas free of moisture.
- Allow these areas to dry thoroughly if they have been exposed to moisture before operating your scooter again.

## FUSE REPLACEMENT

In the event a fuse should cease to work:

- Remove the fuse by pulling it out of its slot.
- Examine the fuse to be sure it is blown. See figures 26 and 27.
- Insert a new fuse of the proper rating.

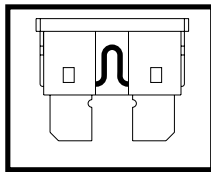


Figure 26. Working Fuse

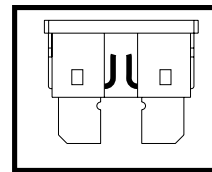


Figure 27. Blown Fuse (Replace)



**WARNING!** The replacement fuse must exactly match the rating of the new fuse. Failure to use properly rated fuses may cause damage to the electrical system and may result in personal injury.

## LIGHT BULB REPLACEMENT

The scooter's light bulbs are easily replaceable. Do not use regular automotive-type 12-volt light bulbs; your scooter is equipped with a 24-volt electrical system. Replacement light bulbs can be purchased from your authorized Pride Provider.

*NOTE: Use only 24 volt light bulbs.*

- Remove the light cover.
- Gently remove the bulb by pulling it straight out.
- Insert a new bulb of the same wattage.
- Replace the light cover.

## STORING YOUR SCOOTER

If you plan on not using your scooter for an extended period of time, it is best to:

- Fully charge its batteries prior to storage.
- Disconnect the batteries from the scooter.
- Store your scooter in a warm, dry environment.
- Avoid storing your scooter where it will be exposed to temperature extremes.



**WARNING!** Always protect batteries from freezing temperatures and never charge a frozen battery. This damages the battery and can cause personal injury.

For prolonged storage, you may wish to place several boards under the frame of your scooter to raise it off of the ground. This takes the weight off the tires and reduces the possibility of flat spots developing on the areas of the tires contacting the ground.

## XII. WARRANTY

### THREE-YEAR LIMITED WARRANTY

Three years on all structural frame components; including platform, fork, seat post, and frame.

Three-year prorata drive train warranty; including transaxle, motor, and brake.

- First year: 100% replacement of parts cost
- Second year: 67% replacement of parts cost
- Third year: 50% replacement of parts cost

### THREE-YEAR WARRANTY EXCEPTIONS

**Transaxle:** In cases where there is an increase in the operational noise level, the warranty does not apply. (The increase in operational noise level usually occurs due to abusive and excessive strain on the scooter.)

**Motor brake:** Three-year warranty for the electrical function of the motor brake. Brake pads are a wear item and are not warranted.

### ONE-YEAR LIMITED WARRANTY

For one (1) year from the date of purchase, Pride will repair or replace at our option to the original purchaser, free of charge, any part or electronic component found upon examination by an authorized representative of Pride to be defective in material and/or workmanship.

The battery is warranted by the battery manufacturer. The battery is not warranted by Pride.

Warranty service can be performed by Pride or by an authorized Pride Provider. Do not return faulty parts to Pride without prior consent. All transportation costs and shipping damage incurred while submitting parts for repair or replacement are the responsibility of the original purchaser.

### WARRANTY EXCLUSIONS

- ABS plastic shrouds and footrest covers (wear items and not warranted)
- Batteries (the battery manufacturer provides a limited warranty)
- Tires and tire tubes (wear items and not warranted)
- Upholstery and seating (wear items and not warranted)
- Repairs and/or modifications made to any part of the scooter without specific and prior consent from Pride
- Circumstances beyond the control of Pride
- Damage caused by: battery fluid spillage or leakage, abuse, misuse, accident, or negligence, improper operation, maintenance, or storage, commercial use or use other than normal
- Labor, service calls, shipping, and other charges incurred for repair of the product

There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one (1) year from the date of original purchase and to the extent permitted by law. Any and all implied warranties are excluded. This is the exclusive remedy. Liabilities for consequential damages under any and all warranties are excluded.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion of limitation of incidental or consequential damages. So, the above limitation or exclusion may not apply to you.

# NOTES





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